



PTO/SB/08a/b (07-05)
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Substitute for form 1449A/B/PTO			Complete if Known	
			Application Number	10/696,389
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	October 29, 2003
			First Named Inventor	Lawrence T. Boni
			Art Unit	1615
			Examiner Name	Kishore, G. S.
			Attorney Docket Number	TRA-008.01
			Sheet	1

(Use as many sheets as necessary)

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²	(if known)			
	AA*	US-4,451,447		05-29-1984	Kaplan et al.	
	AB*	US-4,767,874		08-30-1988	Shima et al.	
	AC*	US-5,945,122		08-31-1999	Abra et al.	
	AD*	US-5,665,383		09-09-1997	Grinstaff et al.	
	AE*	US-6,090,407		07-18-2000	Knight et al.	
	AF*	US-6,451,784-B1		09-17-2002	Placke et al.	
	AG*	US-6,419,901-B2		07-16-2002	Placke et al.	
	AH*	US-6,147,060		11-14-2000	Zasloff et al.	
	AI*	US-6,440,393-B2		08-27-2002	Waldrep et al.	
	AJ*	US-6,599,912		07-29-2003	Au et al.	
	AK*	US-6,511,676		01-28-2003	Boulikas	
	AL*	US-5,795,589		08-18-1998	Mayer et al.	
	AM*	US-20020187105-A1		12-12-2002	Zou et al.	
	AN*	US-5,049,389		09-17-1991	Radhakrishnan	
	AO*	US-6,045,828		04-04-2000	Bystrom et al.	
	AP*	US-5,875,776		03-02-1999	Vaghefi	
	AQ*	US-5,006,343		04-09-1991	Benson et al.	
	AR*	US-5,000,958		03-19-1991	Fountain et al.	
	AS*	US-4,933,121		06-12-1990	Law et al.	
	AT*	US-5,849,490		12-15-1998	Schonwetter et al.	
	AU*	US-5,320,906		06-14-1994	Eley et al.	
	AV*	US-6,352,996		03-05-2002	Cao et al.	
	AW*	US-20030059375-A1		03-27-2003	Perez-Soler et al.	
	AX*	US-5,459,127		10-17-1995	Felgner et al.	
	AY*	US-4,372,949		02-08-1983	Kodama et al.	
	AZ*	US-4,396,630		08-02-1983	Riedl et al.	
	AA1*	US-4,394,448		07-19-1983	Szoka, Jr. et al.	
	AB1*	US-5,178,876		01-12-1993	Khokhar et al.	
	AC1*	US-5,334,761		08-02-1994	Gebeyehu et al.	
	AD1*	US-4,693,999		09-15-1987	Axelsson et al.	
	AE1*	US-5,543,152		08-06-1996	Webb et al.	
	AF1*	US-5,279,833		01-18-1994	Rose	
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	AH1*	US-5,753,613		05-19-1998	Ansell et al.	
	AI1*	US-4,895,719		01-23-1990	Radhakrishnan et al.	
	AJ1*	US-5,077,056		12-31-1991	Bally et al.	
	AK1*	US-5,741,516		04-21-1998	Webb et al.	
	AL1*	US-5,049,388		09-17-1991	Jack V. Knight	
	AM1*	US-5,616,334		04-01-1997	Janoff et al.	
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	AO1*	US-5,756,353		05-26-1998	Debs	
	AP1*	US-6,843,942-A1		01-18-2005	Katinger et al.	
	AQ1*	US-4,895,452		01-23-1990	Yiournas et al.	

Examiner Signature	/Gollamudi Kishore/	Date Considered	03/26/2008
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FOREIGN PATENT DOCUMENTS							
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		Country Code ² -Number ³ -Kind Code ⁵ (if known)					
	BA	<input checked="" type="checkbox"/>	GB-2145107-A	03-20-1985			
	BB	<input checked="" type="checkbox"/>	WO-86/06959	12-04-1986			
	BC	<input checked="" type="checkbox"/>	WO-91/16882	11-14-1991			
	BD	<input checked="" type="checkbox"/>	WO-96/19199	06-27-1996			
	BE	<input checked="" type="checkbox"/>	WO-93/12240	06-24-1993			
	BF	<input checked="" type="checkbox"/>	EP-0069307-A	01-12-1983		Abstract	
	BG	<input checked="" type="checkbox"/>	WO-00/29103	05-25-2000			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<input checked="" type="checkbox"/>	CA	Niven, Ralph et al., Nebulization of Liposomes. I. Effects of Lipid Composition, Report, pp. 1127-1133.	
<input checked="" type="checkbox"/>	CB	Katare, O.P., et al., Enhanced <i>in vivo</i> Performance of Liposomal Indomethacin Derived From Effervescent Granule Based Proliposomes, J. Microencapsulation, 1995, Vol. 12, No. 5, pp. 487-493.	
<input checked="" type="checkbox"/>	CC	Petkowicz, Jozefa, et al., Hypoglycemic Effect of Liposome-Entrapped Insulin Administered by Various Routes into Normal Rats, Pol. J. Pharmacol. Pharm., 1989, 41, pp. 299-304.	
<input checked="" type="checkbox"/>	CD	Comis, "Carboplatin in the Treatment of Non-Small Cell Lung Cancer: a Review," <i>Oncology</i> , 1993 Nov.; 50 (2): 37-41. (Abstract)	
<input checked="" type="checkbox"/>	CE	A.Bargoni, R. Cavalli, G.P. Zara, A. Fungaro, O. Caputo, M.R. Gasco (2001) Transmucosal transport of tobramycin incorporated in solid lipid nanoparticles (SLN) after duodenal administration to rats. Part II - Tissue distribution. <i>Pharmacological Research</i> 43(5): 497-502.	
<input checked="" type="checkbox"/>	CF	J. Lagace, M. Dubreuil, S. Montplaisir (1991) Liposome-encapsulated antibiotics: preparation, drug release and antimicrobial activity against <i>Pseudomonas aeruginosa</i> . <i>Journal Microencapsulation</i> 8(1): 53-61.	
<input checked="" type="checkbox"/>	CG	L.S. Ramsammy, G.J. Kaloyanides (1988) The effect of gentamicin on the biophysical properties of phosphatidic acid liposomes is influenced by the O-C=O group of the lipid. <i>Biochemistry</i> 27: 8249-8254.	
<input checked="" type="checkbox"/>	CH	C. Dees, R.D. Schultz (1990) The mechanism of enhanced intraphagocytic killing of bacteria by liposomes containing antibiotics. <i>Veterinary Immunology and Immunopathology</i> 24: 135-146.	
<input checked="" type="checkbox"/>	CI	C. Beaulac, S. Sachetelli, J. Lagace (1999) Aerolization of low phase transition temperature liposomal tobramycin as a dry powder in an animal model of chronic pulmonary infection caused by <i>Pseudomonas aeruginosa</i> . <i>Journal Drug Targeting</i> 7(1): 33-41.	
<input checked="" type="checkbox"/>	CJ	J.F. Marier, J.L. Brazier, J. Lavigne, M.P. Ducharme (2003) Liposomal tobramycin against pulmonary infections of <i>Pseudomonas aeruginosa</i> : a pharmacokinetic and efficacy study following single and multiple intratracheal administrations in rats. <i>Journal Antimicrobial Chemotherapy</i> 52: 247-252.	
Examiner Signature	/Gollamudi Kishore/		Date Considered 03/26/2008

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CK	E.A. Poyner, H.O. Alpar, M.R.W. Brown (1993) Preparation, properties and the effects of free and liposomal tobramycin on siderophore production by Pseudomonas aeruginosa. Journal Antimicrobial Chemotherapy 34: 43-52.
CL	A. Omri, M. Ravaoarino, M. Poisson (1995) Incorporation, release and in vitro antibacterial activity of liposomal aminoglycosides against Pseudomonas aeruginosa. Journal Antimicrobial Chemotherapy 36: 631-639.
CM	C. Beaulac, S. Clement-Major, J. Hawari, J. Lagace (1997) In vitro kinetics of drug release and pulmonary retention of microencapsulated antibiotic in liposomal formulations in relation to the lipid composition. Journal Microencapsulation 14(3): 335-348.
CN	P. Demaeyer, E.M. Akodad, E. Gravet, P. Schietecat, J.P. van Vooren, A. Drowart, J.C. Yernault, F.J. Legros (1993) Disposition of liposomal gentamicin following intrabronchial administration in rabbits. Journal Microencapsulation 10(1): 77-88.
CO	M. Antos, E.A. Trafny, J. Grzybowski (1995) Antibacterial activity of liposomal amikacin against Pseudomonas aeruginosa in vitro. Pharmacological Research 32(1/2): 84-87.
CP	R.M. Schiffelers, G. Storm, I.A.J.M. Bakker-Woudenberg (2001) Therapeutic efficacy of liposomal gentamicin in clinically relevant rat models. International Journal Pharmaceutics 214: 103-105.
CQ	L.E. Bermudez, A.O. Yau-Young, J.-P. Lin, J. Cogger, L.S. Young (1999) Treatment of Disseminated Mycobacterium avium Complex Infection of Beige Mice with Liposome-Encapsulated Aminoglycosides. Journal Infect. Dis. 161: 1262-1268.
CR	J.H. Zhang and J.B. Zhu (1999) A Novel Method to Prepare Liposomes Containing Amikacin. Journal Microencapsulation 16(4): 511-516.
CS	S. Zeng, C. Hu, H. Wei, Y. Lu, Y. Zhang, J. Yang, G. Yun, W. Zou, B. Song (1993) Intravitreal Pharmacokinetics of Liposome-encapsulated Amikacin in a Rabbit Model. Ophthalmology 100: 1640-1644.
CT	M.H. Cynamon, C.E. Swenson, G.S. Palmer, & R.S. Ginsberg (1989) Liposome-Encapsulated-Amikacin Therapy of Mycobacterium avium Complex Infection in Geige Mice. Antimicrobial Agents and Chemotherapy 33(8): 1179-1183.
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CV	K. Yanagihara (2002) Design of anti-bacterial drug and anti-Mycobacterial drug for drug delivery system. Current Pharmaceutical Design 8: 475-482.
CW	T.C. Whitehead, A.M. Lovering, L.M. Cropley, P. Wade, R.N. Davidson (1998) Kinetics and Toxicity of Liposomal and Conventional Amikacin in a Patient with Multidrug-Resistant Tuberculosis. Eur J Clin Microbiol Infect Dis 17: 794-797.
CX	E. A. Petersen, J.B. Grayson, E.M. Hersh, R.T. Dorr, S.-M. Chiang, M. Oka, R.T. Proffitt (1996) Liposomal amikacin: improved treatment of Mycobacterium avium complex infection in the beige mouse model. Journal Antimicrobial Chemotherapy 38: 819-828.
CY	A.A. Roehrborn, J.F. Hansbrough, B. Gauldoni, S. Kim. (1995) Lipid-based slow-release formulation of amikacin sulfate reduces foreign body associated infections in mice. Antimicrobial Agents Chemotherapy 39: 1752-1755.
CZ	S.B. Howell (2001) Clinical applications of a novel sustained-release injectable drug delivery system: Depofoam Technology. Cancer Journal 7: 219-227.
CA1	A. Omri & M. Ravaoarino (1996) Comparison of the Bactericidal Action of Amikacin, Netilmicin and Tobramycin in Free and Liposomal Formulation against Pseudomonas aeruginosa. Chemotherapy 42: 170-176.

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CB1	L. Kesavalu, J.A. Goldstein, R.J. Debs, N. Duzgunes, P.R.J. Gangadharam (1990) Differential effects of free and liposome encapsulated amikacin on the survival of Mycobacterium avium complex in mouse peritoneal macrophages. Tubercle 71: 215-218.
CC1	W.E. Bucke, S. Leitzke, J.E. Diederichs, K. Bomer, H. Hahn, S. Ehlers, and R.H. Muller (1997) Surface-Modified Amikacin-Liposomes: Organ Distribution and Interaction with Plasma Proteins. Journal Drug Targeting 5(2): 99-108.
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CE1	E.K. Kim and H.B. Kim (1990) Pharmacokinetics of intravitreally injected liposomes encapsulated tobramycin in normal rabbits. Yonsei Medical Journal 31(4): 308-314.
CF1	A. Omri, C. Beaulac, M. Bouhajib, S. Montplaisir, M. Sharkawi, J. Lagace (1994) Pulmonary retention of free and liposome-encapsulated tobramycin after intratracheal administration in uninfected rats and rats infected with Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy 38(5) 1090-1095.
CG1	J.R. Morgan and K.E. Williams (1980) Preparation and properties of liposome-associated gentamicin. Antimicrobial Agents and Chemotherapy 17(4) 544-548.
CH1	P. Lutwyche, C. Cordeiro, D.J. Wiseman, M. St-Louis, M. Uh, M.J. Hope, M.S. Webb, B.B. Finlay (1998) Intracellular delivery and antibacterial activity of gentamicin encapsulated in pH-sensitive liposomes. Antimicrobial Agents and Chemotherapy 42(10) 2511-2520.
CI1	R.M. Schiffelers, G. Storm, M.T.T. Kate, L.E.T. Stearne-Cullen, J.G. Den Hollander, H.A. Verbrugh, I.A.J.M. Bakker-Woudenberg (2001) In vivo synergistic interaction of liposome-coencapsulated gentamicin and ceftazidime. Journal Pharmacology Experimental Therapeutics 298(1): 369-375.
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CK1	E.A. Trafny, M. Stepinska, M. Antos, J. Grzybowski (1995) Effects of free and liposome-encapsulated antibiotics on adherence of Pseudomonas aeruginosa to collagen type I. Antimicrobial Agents and Chemotherapy 39(12) 2645-2649.
CL1	S.P. Klemens, M.H. Cynamon, C.E. Swenson, R.S. Ginsberg (1990) Liposome-encapsulated-gentamicin therapy of Mycobacterium avium complex infection in beige mice. Antimicrobial Agents and Chemotherapy 34(6) 967-970.
CM1	S. D. Nightingale, S.L. Saletan, C.E. Swenson, A.J. Lawrence, D.A. Watson, F.G. Pilkiewicz, E.G. Silverman, S.X. Cal (1993) Liposome-encapsulated gentamicin treatment of Mycobacterium avium-Mycobacterium intracellulare complex bacteremia in AIDS patients. Antimicrobial Agents and Chemotherapy 37(9) 1869-1872.
CN1	C.E. Swenson, K.A. Stewart, J.L. Hammett, W.E. Fitzsimmons, R.S. Ginsberg (1990) Pharmacokinetics and in vivo activity of liposome-encapsulated gentamicin. Antimicrobial Agents and Chemotherapy 34(2) 235-240.
CO1	I.A.J.M. Bakker-Woudenberg, M.T. ten Kate, L.E.T. Stearne-Cullen, M.C. Woodle (1995) Efficacy of gentamicin or ceftazidime entrapped in liposomes with prolonged blood circulation and enhanced localization in Klebsiella pneumoniae-infected lung tissue. Journal Infectious Diseases 171:938-947.
CP1	M.W. Fountain, S.J. Weiss, A.G. Fountain, A. Shen, R.P. Lenk (1985) Treatment of Brucella canis and Brucella abortus in vitro and in vivo by stable plurilamellar vesicle-encapsulated aminoglycosides. Journal Infectious Diseases 152(3): 529-535.
CQ1	C.I. Price, J.W. Horton, C.R. Baxter (1992) Liposome delivery of aminoglycosides in burn wounds. Surgery, Gynecology & Obstetrics 174: 414-418.

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	CR1	C.I. Price, J.W. Horton, C.R. Baxter (1994) Liposome encapsulation: a method for enhancing the effectiveness of local antibiotics. <i>Surgery</i> , 115(4): 480-4487.	
	CS1	C.I. Price, J.W. Horton, C.R. Baxter (1989) Enhanced effectiveness of intraperitoneal antibiotics administered via liposomal carrier. <i>Arch Surgery</i> 124: 1411-1415.	

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